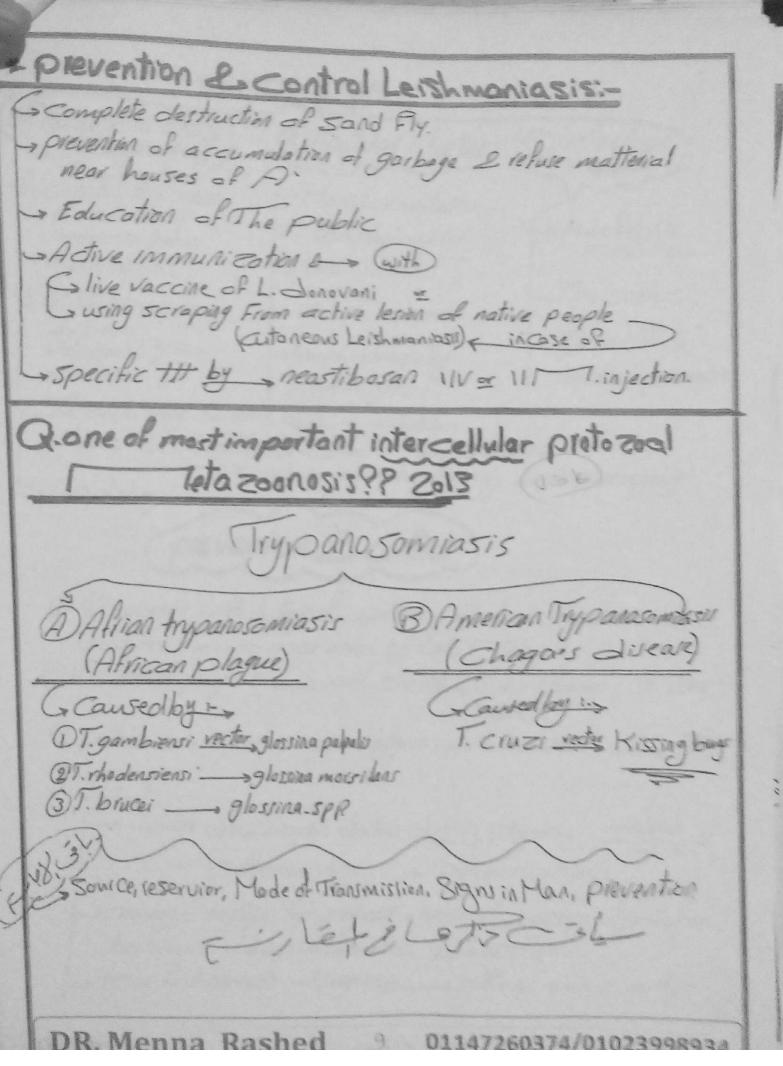
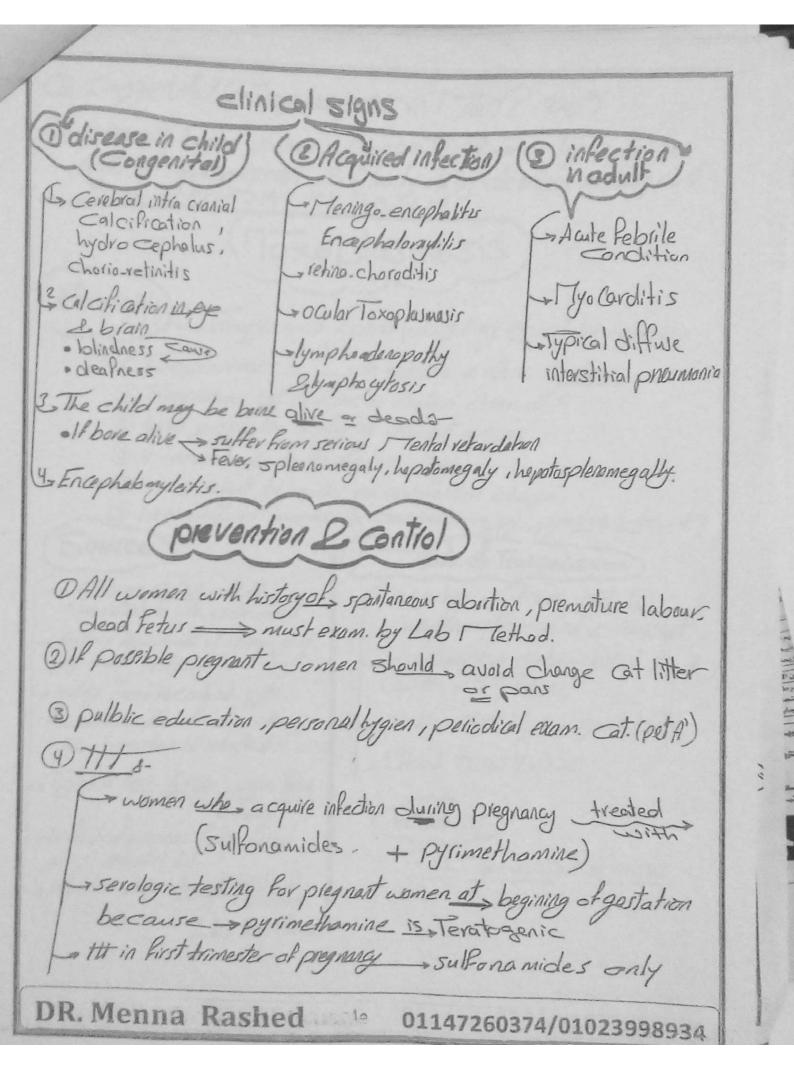
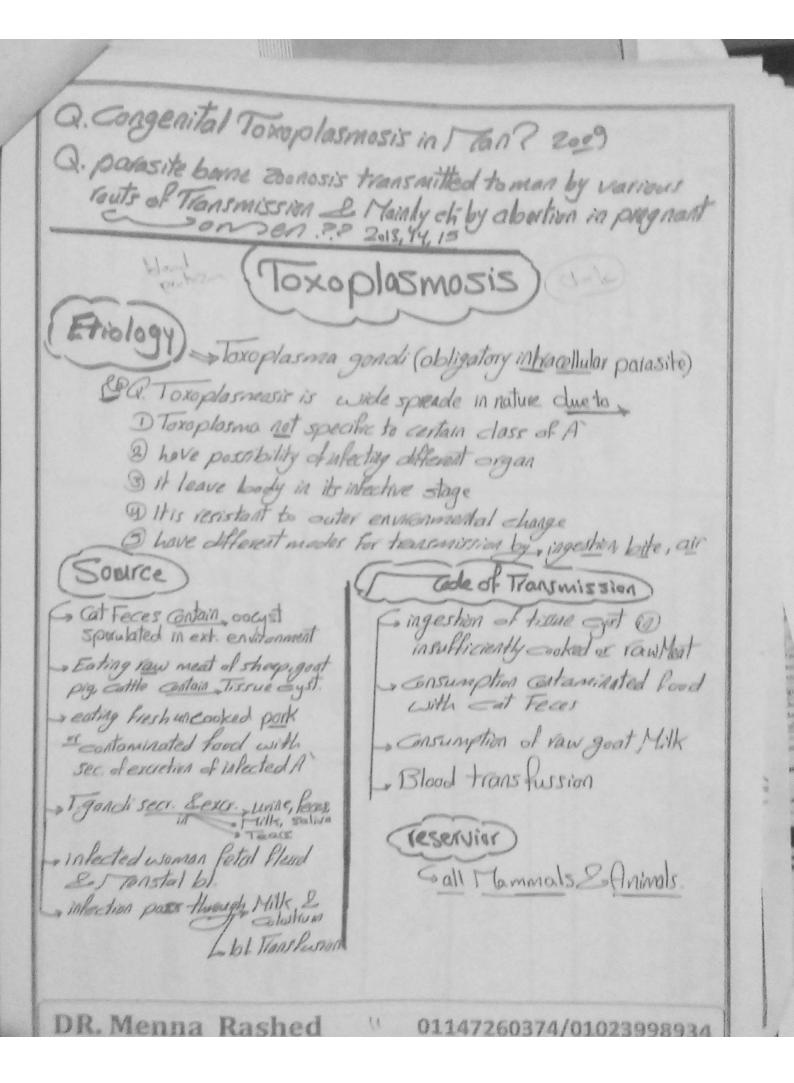


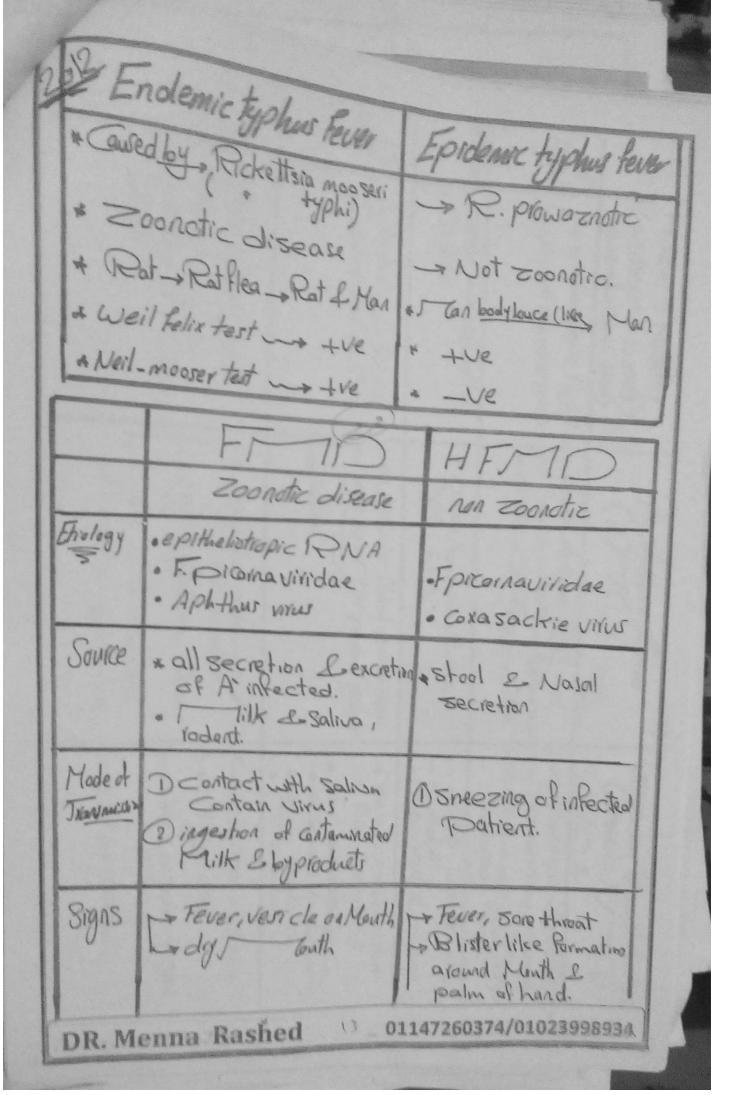
-		
	ne of the Tost import borne Tetazoonatic	
Lei	Shmaniasis W	and prozent book 10
D'ataneous Leishmanias	Ovisceral Leishmanian  Server  Slack Fever	American. Les Sylucocutaneous Sphoryangeal leiha
3 ON Toist Form L. Tropica Val 3 Ddry Form - L. Tropica Val 3 Sudan Form L. nilotica	Monor L. Clonovalli	L. braziliensis
Source Bite of infecte	ed sand Ply	<u>'</u>
multiplication of flow metacyclic form (in he of insect  B) isect mechanic	exted after, 5-lo days by Taking which contain intracellular little of fly then gelleted leptomonas stage the extire stage which migrates and fly or other bl. sudving sand fly or other bl. sudving	Flogellated to Touth part
Glocal edematous papule  ulceration  papule surround by tube  LIV, LV - regional lymphasis  ymphangitus  Odry Form 9- (IP - 5)  Cat site of bite - coppe  spot appear develop tuber  necrosis in center - covered  crust when remove leave u	hepatomegally hepatomegally hepatomegally sbleeding from guil mm, internal organ excolored cle— Lybana loor.	
DR. Menna Rash	eu 2 0114/2603/	4/01073338334



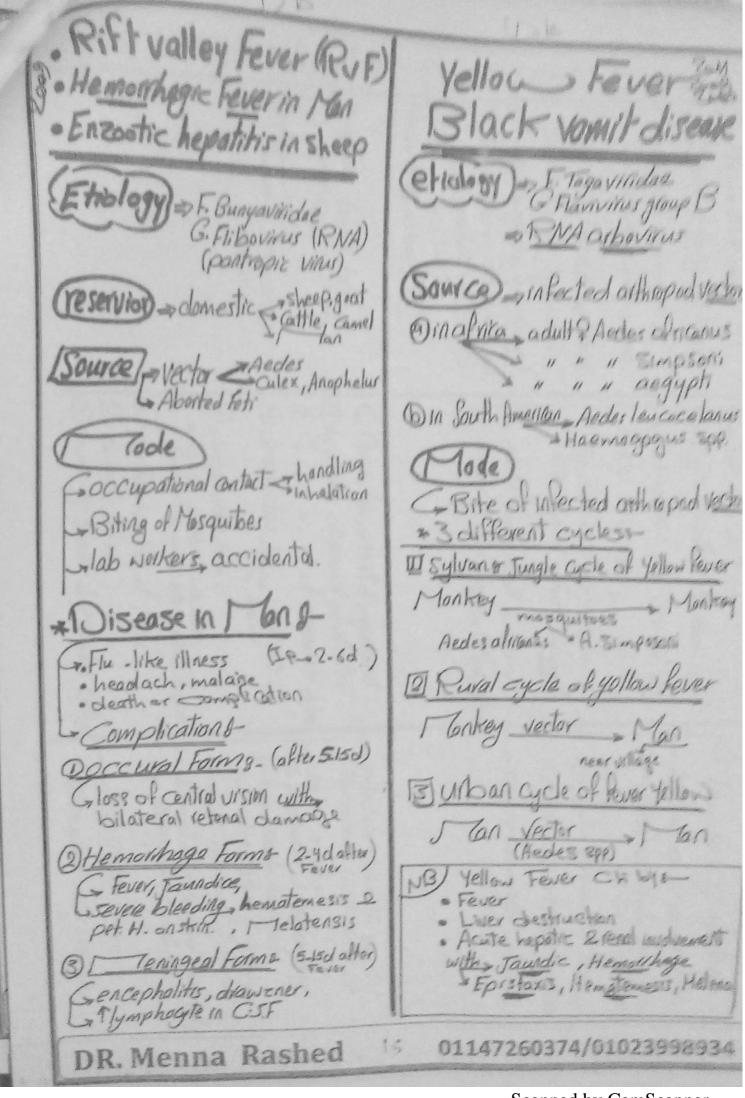


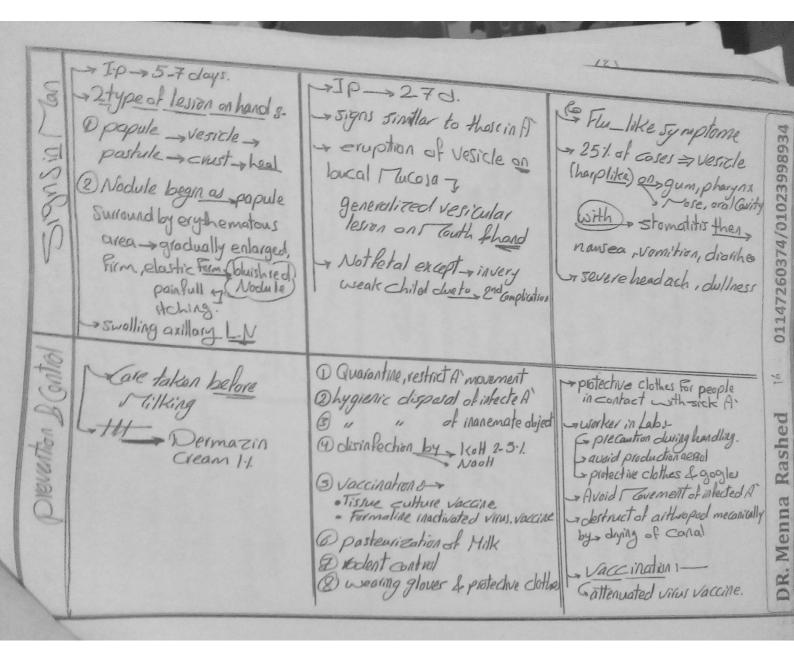


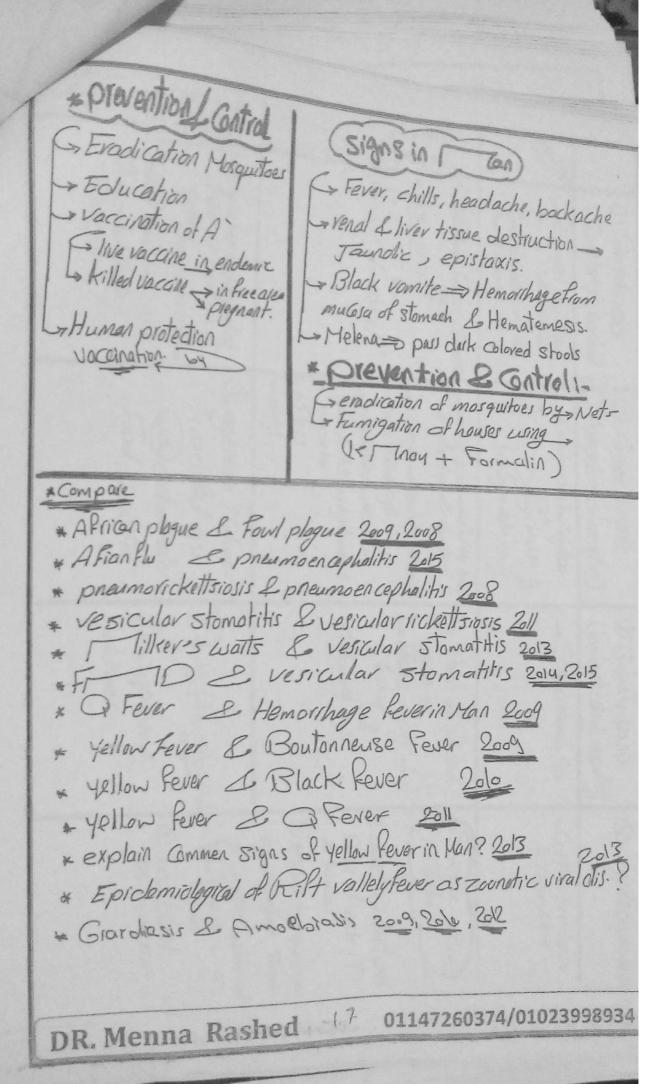
I	-1	Johns	
	Endemic Typhus Fever	Boutonneuse Fever	Rickettsial pox 4 (vesicular rickettsiosi
Elected	Vector) - rat Fleas - x - chespis - rat louce - poly pleux spinisis - human Fleas - culex Mitants	R. Covani Vector, Brown dog tick	R. A Cari (Mite bonn disease)
	reservior domestic rats (rattus rattus norvegició	7 rodents	Tite
Source	rofected vate Flea Human Flea	- brown dog tick	L'defecation
10 P	1 Ho in interdinal Flea without domage Flea  3 excretion of flea - Feces (No in solve)  5 by scratching skin but Nobite of flea  Cansing infection	Brown dog Tick	Lite biting Lidefection.
al Signs in Ma	Acute Febrile condition, severe headoche	Signs) Nosses (Signs) Nosses (Signs) Nosses (Seculo papular at 4th day of Fever Nortality & 3-1.  (Signs) Nosses (Nosses) Nose (Nosses) (Novevenhan & Control)  (Susing acricides (Nosses) (Noss	rash & sweating  Tash & skintesion  Thirsty, small popule vesicle  Covered by dark scalo & Fever  For 7days with, vesicular  later, maculo-papular exuption  (not causing itch)  on any part of budy except,  palm of hand.  * Dreventin Lantrel  Gusing ocavicides as DPT



The peritheliotispic DNA win repitheliotispic RNA vivus repitheliotispic, aithopod RN	Milker's nodules (Milker's Wort) (pseudo com pox) 20.	Aphthus Fever (F) 10) 2015 2014	Vesicular stomalitis(VS) & & & & & & & & & & & & & & & & & & &	
Buffalo  Saffalo  Cattle, buffalo, Sheep,  Spat, Prog.  Cattle, horse, swine  Spat, Prog.  Cattle, horse, swine  Spat, Prog.  Cattle, horse, swine  Cattle, horse, swine  Spat, Prog.  Cattle, horse, swine  Cattle, horse,	Life Capsendo Gus pox virus	epithelistopic RNA vivus	- epitheliotropic, arthopod RNA viium - F. rhab dovinidae - vesicular viium - serotype Indiana - indiana I L newsersy alagous	
Found on test of A Soliva & vesicular Gotant of Infected A singestion Tilk product contain of infected A singestion of Contact with solivary bands of Tilkers of abroaded skin solivary in lab natopharyngeal of the land.	• 15u Ffalo	· cattle, buffalo, Sheep,	Cattle, house, swine of wild A' coiled A' sheep	THITTON
Sign of Gw & Sirect contact with Salivary win lab naropharyngeal of Salivary contact of abroded skin Tethod	Found on teat of A	FINION. Tilk product contain FINION.	or Fluid of infected A virus transmitted by  phelbotomus spp (Sandfly)	
Sand. Protot by hyperial.	abrasion of Tilkers	- direct contact with Salivary	Soccuption of disease.  > bitting of insect  in lab naropharyngeal	Rash

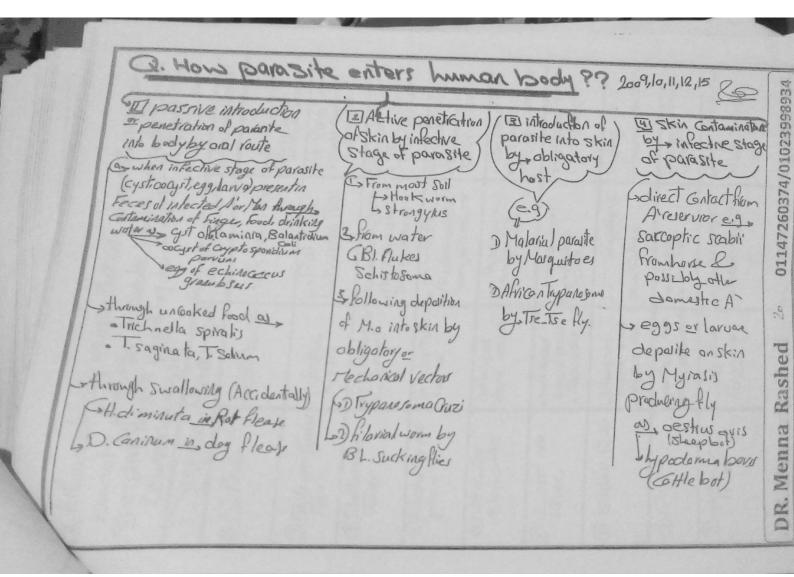






		,	106		
		2 Amoebiasis	@ Balantidiasis (balantidial dysenty)	@ cryptospondiosis	998934
Stopen	Giardia lamblia In intestinatis Cluodenum L Tejunum	Entamoeba histolytica (oli gingi valis ) (inlarge intestine)	- Balantidium Gli	*Cryptosporidium  parvum	4/0102399
Swisting Grand Change Change	1. 01	Trood contaminated by hand of infected & carrier  Sewage - contain Hature  You cleated cyst  Vegetables grown on soil fertilized by human excreta  Flies  Ologs  Quigestion Mature  You cleated cyst  with Contaminated  Food or woter	To stool of infected man or Faces of pig 4 Monkey It Containing cyst  (2) occupationed disease	Odirect Contact with Feces of sick A & human Dindirect transmission by ingestion Food ex water Contamined by Human or A Feces 3 Fecal Oral transmission	he

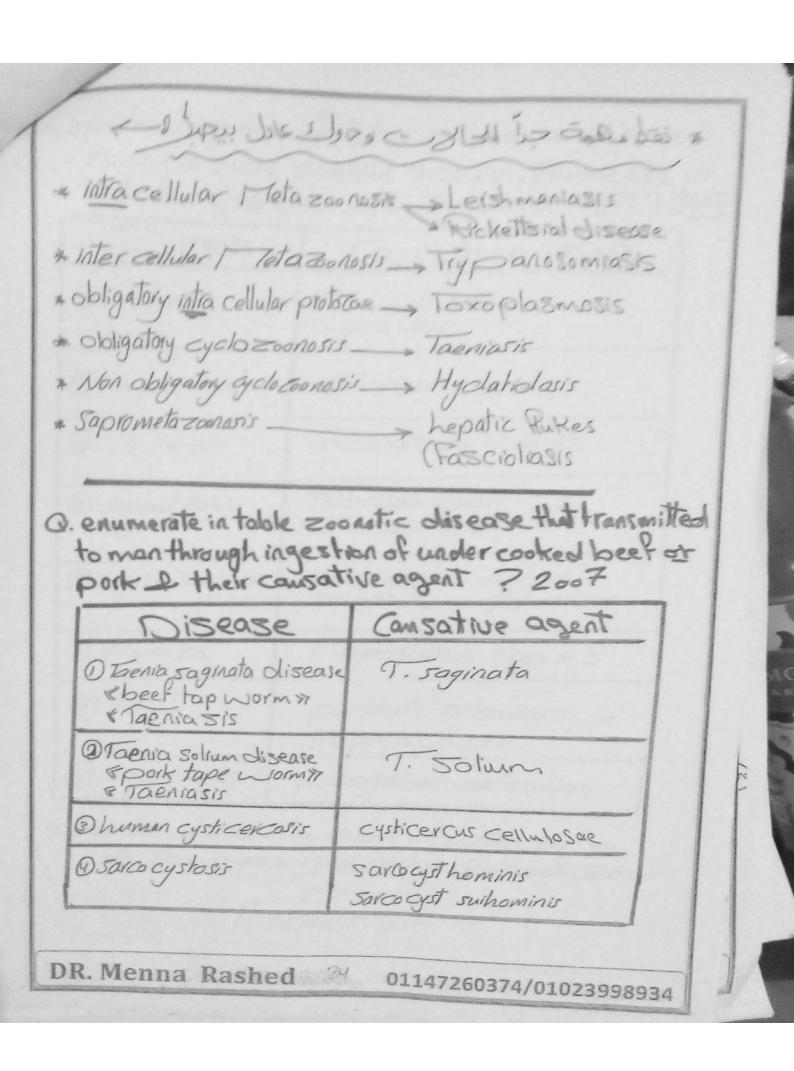
Scotted Signs in This	- Collinarifestation by  acquigastic pain  actions of suchea  whene dischea  Wey steched epindes  pale greeny stool  a chained ion of cyst  in faces - internationt	Abdominal pain  a dis confort  a beary discribed altered  with condesposion  a achience discribed with  bloody masses  agst pass into lymphate ac  messeatic venules L  other Tissue of Lady	dysantry 8	- self hunting disease - watery diambon (4-44) Chalera like deathor food hypers - scaleton of potient in hampital	ashed 01147260374/01023998
Consistert.	Antinal "	Coles - Alestess, al andress (Marman & Coles)  Deneted found bygiese Deneted found bygiese Deneted found bygiese Statistics of human statistics of human statistics of the second of the	Stage entropie	of Foces affoliof	DR. Menna R



a. Arthropods play an important role in maintaining some zoonotic disease or public health hazards? 2005,6 Dexplain the role played by each vector 2 their 8,9,10 Causative agent.			
Disease	Consative agent	Arthropod	Yole of arthropod.
O Q. Fever	Gxiella burneti	tick, lice, Mite	abiling of man atransoration
@Endemic Typhus Fever	Rickettsia typhi	Chuman Flea	Yat Plea bite human thiquely
3 Boutonnew Fever	Rickettsia Carprii	· Nown dog Tick · Thip ice phalus Sanguineous ??	Bite of Tick & Trans a valian Transmissions
@Rickettsial	Rickettsia acari	*Allodermanysus Sanguineous	Bited Mite *Tonsovarian Transmissions
5 Vesicular Stomatitis	borne viruse	L'stable Fly	* Biting of Fly *Mechanical Fransmission >>
8 west nile Fever	borne virus  Flavivirus	as Aedes Culex	Biting of inteded Mosquitoes
⊕ Sindbis Fever	borne virus Alpha virus	as culex	Biting of infected vector
0 RVF	· pantropic Arbo.	Culex Aedes	Biting of intested vector.
9 Yellow Fever	- Arbovirus Flaururus	La Forest mosquitoes	Biting of infected

-			
Dengue fever	Plavivirus Arbovirus	Aedes aegypti	Biting diel to
D Japanere encephalitis	Plavivirus ->	Culex	Biting of infected vector Vector
12 Crimean-Congil haemorrhagic Fever	alu II	Tick hydromma dermacenter.	Biting of intected
19 Trypanosomiasis	Caninum Caninum	chenocephalides Canis Contain Gsticercoidstage	- olog flea antain Cysticercoid stage
@leishmaniasis	T. gambiensi T. bruces leishmania spp.	glossina palpalis glossina tachnoide Sand Fly	Transmission  Cyclic & Machine
Sabios	onosis?	1 cyclozoonos	
* Ex T. solid	must be * ebrate host * um * nata	disease need in host 2 environ infectious agent a certain development stages.	ental
QB RS	h Fluke 2	clonorchiasis opisthorichiasis paragonimialis Metrophysiasis 3,9,5 diph	
DR. Menna	Rashed 22	01147260374/0	01023998934

Quiscuss indetails one of the transboundary authorpools borne metazoonesis that cliby. Fever, acular 2 Flu like manifestation in man? 2005, 2006.  Rift vallely Fever  Quiscuss in details an important zoonatic disease which sonkey responsible for transmission actiby hemorrhage syndrome in son 2006
yellow Fever
10000
Q. Discuss indetails an important rickettsial zoonotic disease chi by Absence of rash in Man?  2010, 14, 15, 16  Tever
G. discuss in details one of the Most important 2011 intra cellular / Telazconotic disease? 2013 ".ofto 2016
intra cellular Meta zoonosis as leishmaniasis
~ Rickettsial disease
Dispotted fever group Disphis group 3 other group  Boutonneuse fever Gendenic Typhus  G. Fever  G. Fever
DR. Menna Rashed 23 01147260374/01023998934



a pulmonary manifestation in the main signs in man in some zooratic disease. Enumerate in table these disease with consative agant? 2007

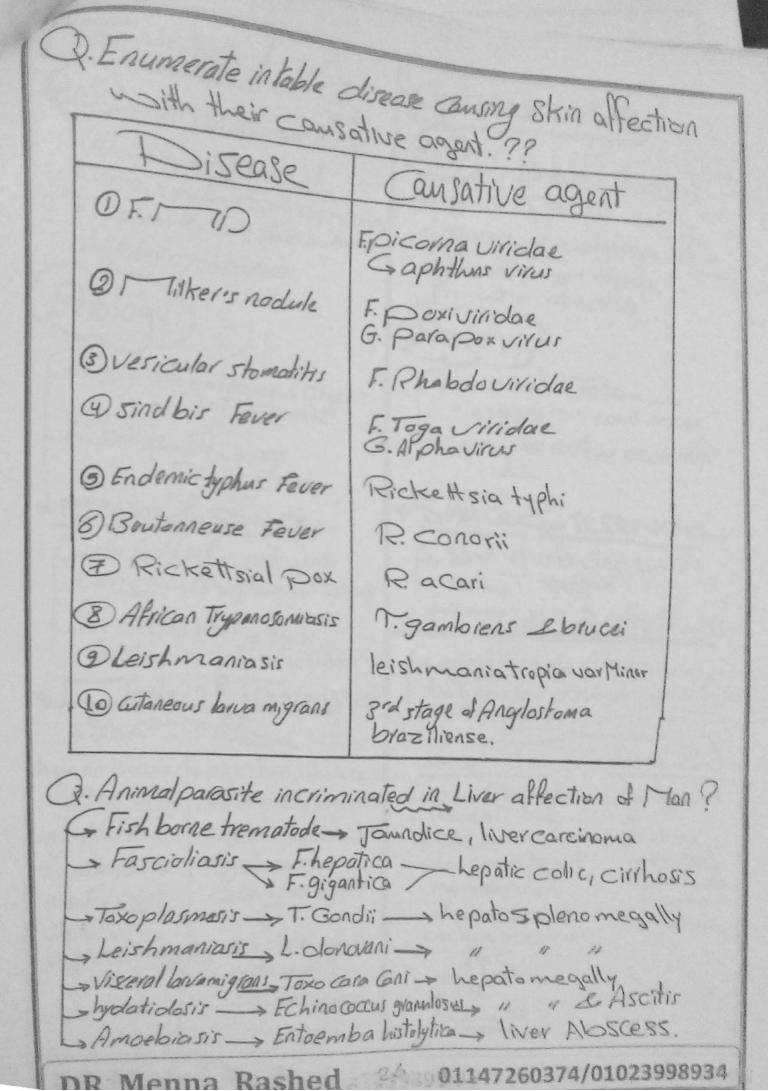
Disease	/ Cousative agent
@ Rabies	F. Phabdouridae G. lyssa vinus.
@ Toxo plas mosis	Toxoplasma gandii
3 Q. Fever	Rickettsia Wurneti
(9) Visceral lorva migrans	Toxocara canis 2 Toxocara cati
3 schisto somiasis	Schistosoma Japanicum
6) influenta	influenta virus type A.B
DR.V.F	pantropic arbovirus F. bugya viriolae
8 paragonimiasis	paragonium westermani

Q. Ingestion of lettuce or salade of watercress or water from irrigation canal produce saprometa conocsis?

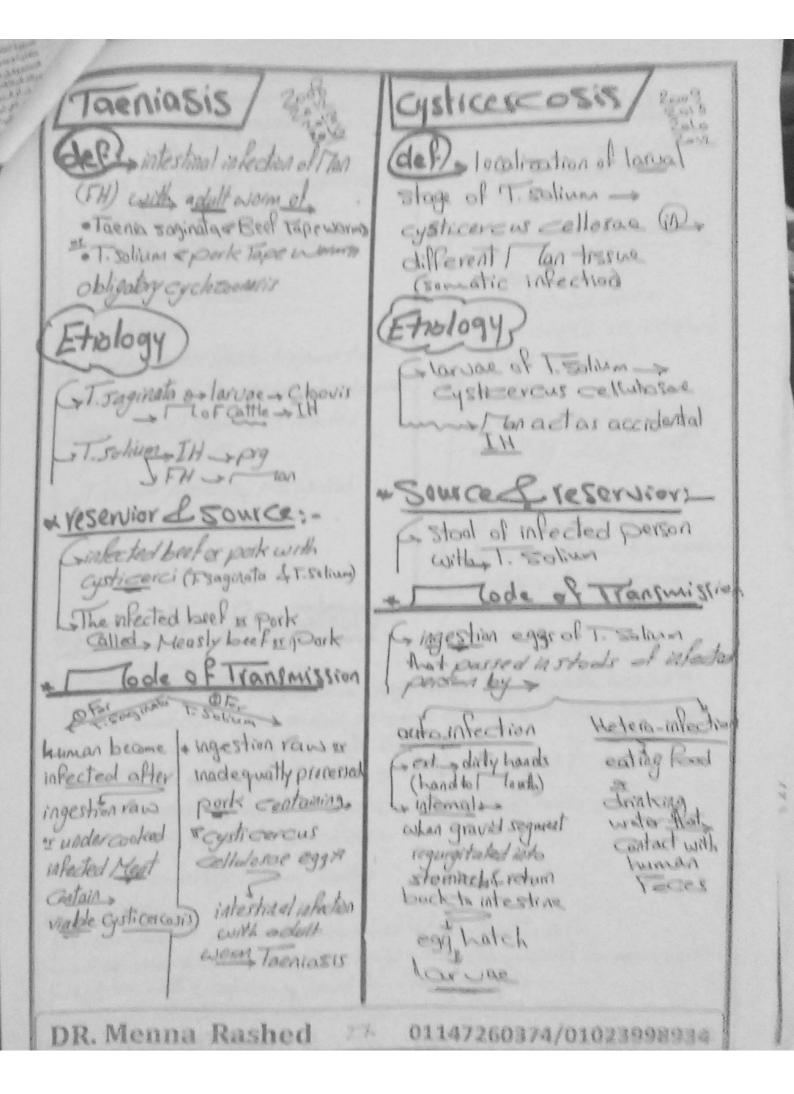
(Fascioliasis)

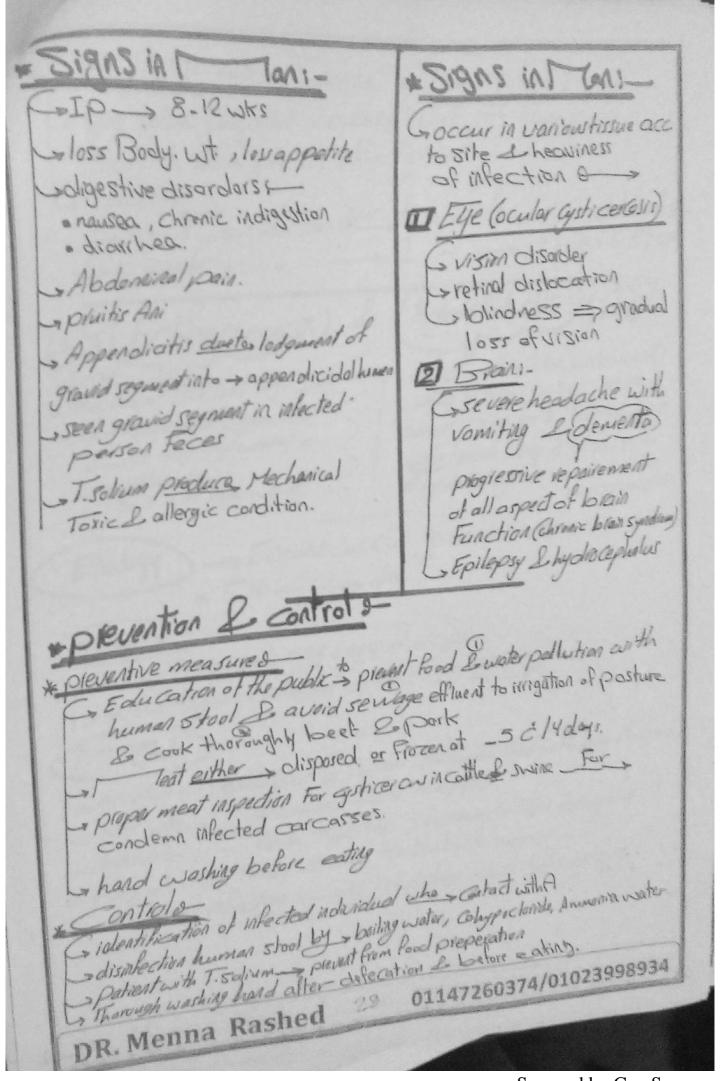
DR. Menna Rashed 25 (

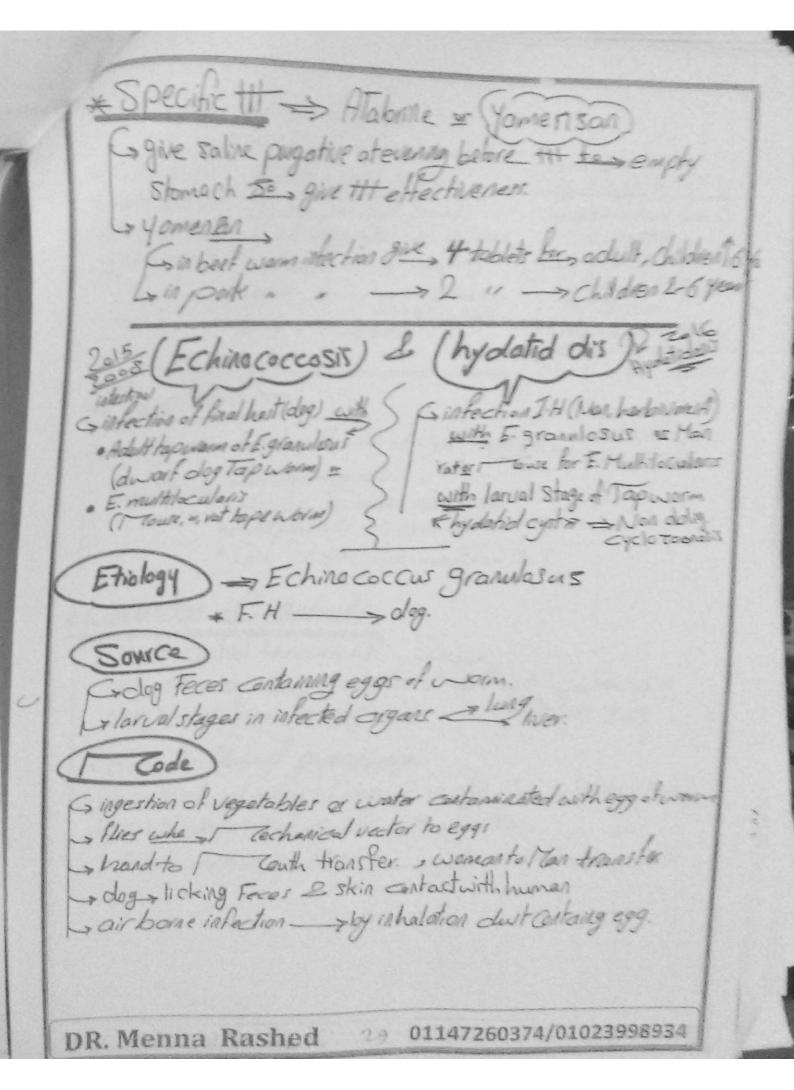
01147260374/01023998934

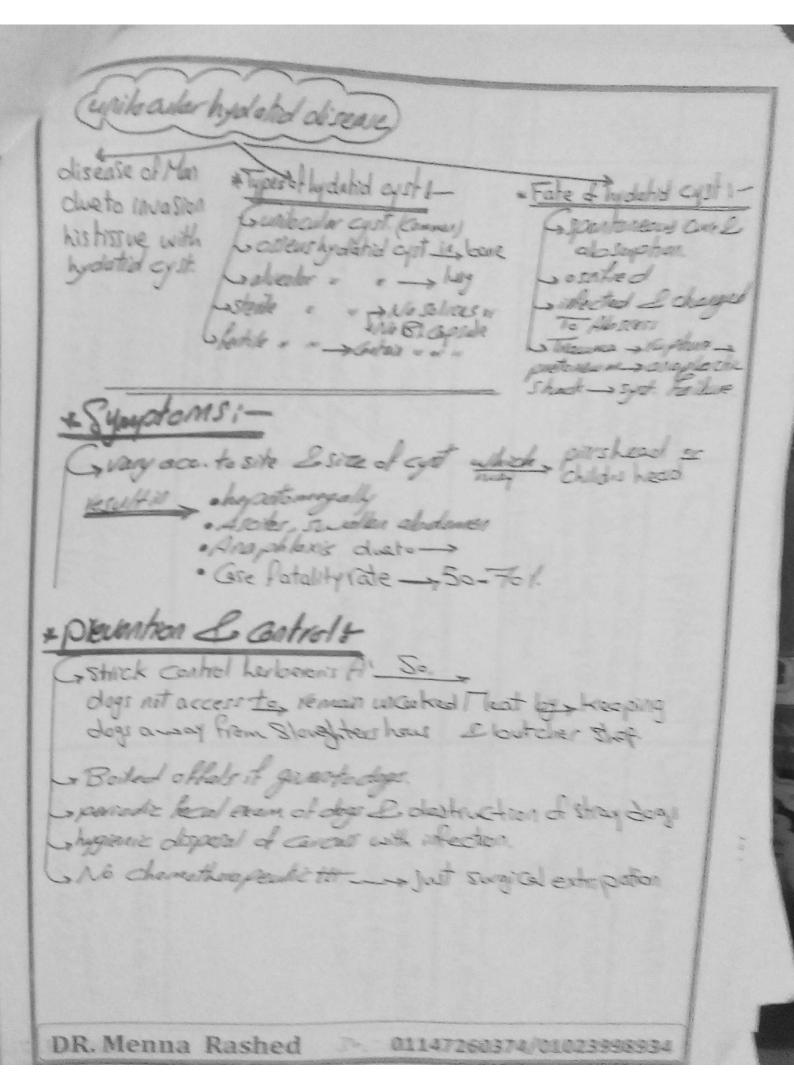


Scanned by CamScanner

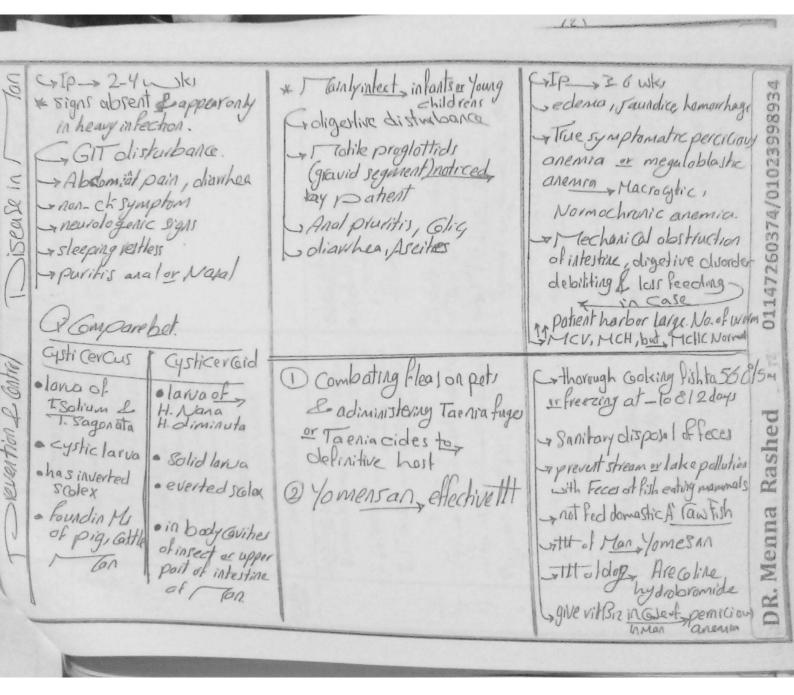


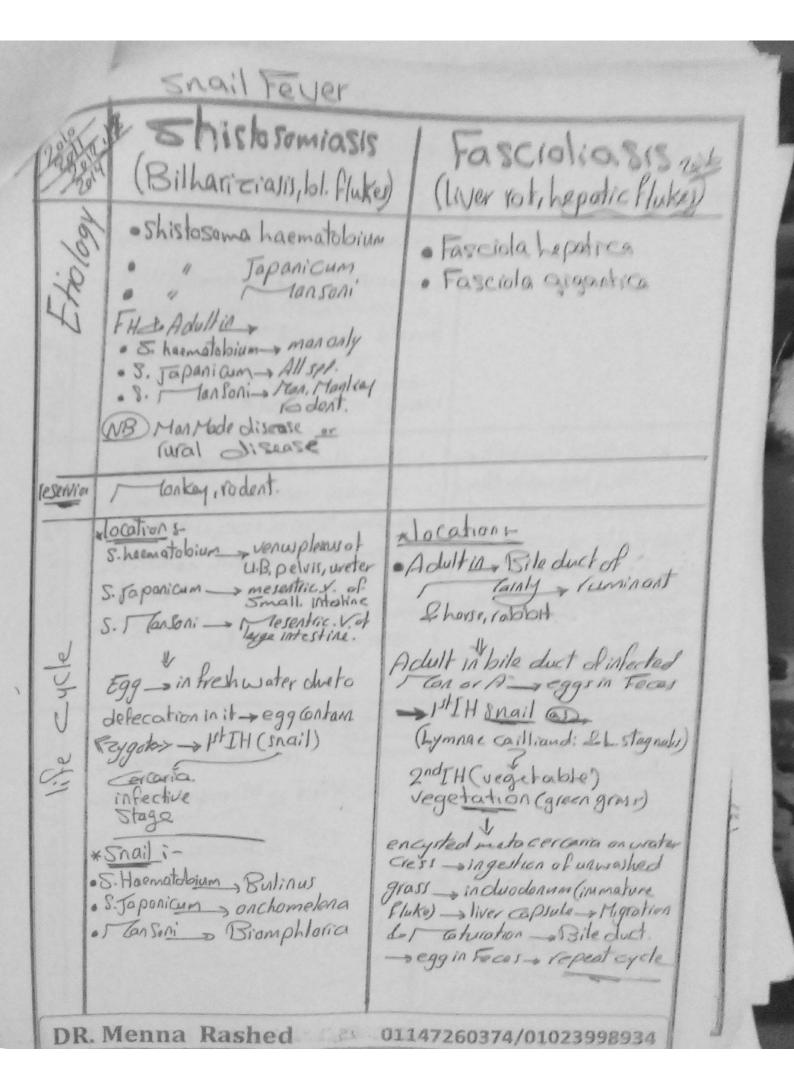




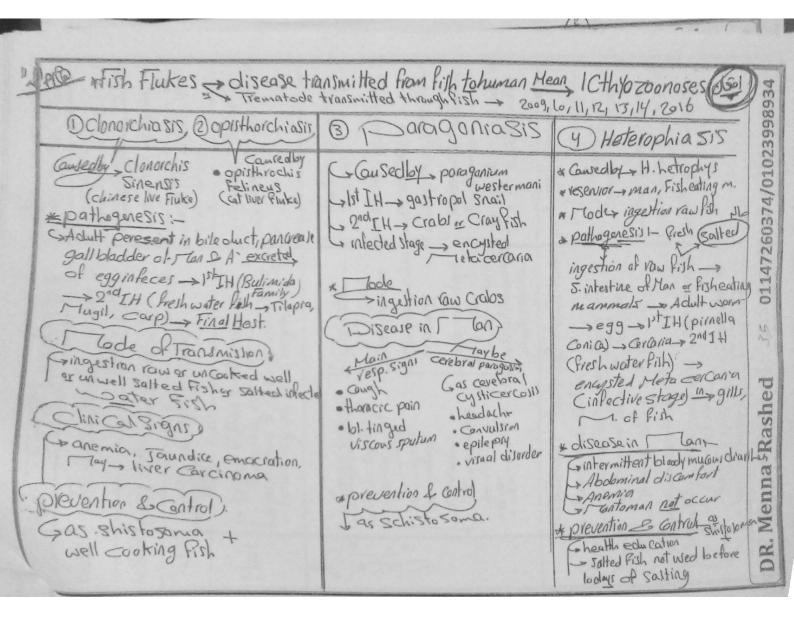


1	(dwarf Topeworm of Han)	Dipylidiasis 2015	Diphyllobothriasis
Algary Algary	Hymenolops nana Han to rodut which diminute - accidently tan the Olivectlike cycle * IH - Fleatilice	→ dipylidium Carinum  «definitive host → dogs Ot  «IH ⇒ dog Freal  Cat Fleas  * Indirectife cycle	(loroad Fish Tape worm)
eservair	rati Mice, Tan		fish, eating mammals (dog, Cat, prg, Man)
Mode	ringestion of eggricitectly  sext-auto infection  singustion of eggindically  through Contaminated bood  ar water with faces of infected rangestion rat flea  Containing cysticercoid  (infective stage)	accidentally ingestion of IH contains gesticercoid	Cooked infected frih Gutani plerocercoid larvae
SOUNCE	Source) Stod of infected person, rat La Vat Flea (x. cheopin) Contains cysticer coid.	infected dog flea or Office.	La stool of human or mammals eating infected Fish.





apenetration of skin alman which a congestiones when releave tall thead interted vegetation enter through subscous glander hair fallele forming sumature shistosoma - 131 streams -slung - & bl. circulation liver lating lating costs lating lating costs lating lating costs lating costs lating costs lating la Anemia dialles - Swimer itch a bothing itch -Abdominal pain STONE - parasitic ponumenia (cough) -colitis, colistosis shepathis, pain in right abdomen athickening of bile duct advarther, hepatosplansmegally Hazondis. Got Syphen Chinical shematouria - dysuria spolypesis - thickening in lumen of affected organi dueto prestion rawher contain mature Huns (pharyegeal Pardictor 95 Schistosomialis condication of snall physical Smological \* public health education ( ) woshing green vegetation athtpraziquentel or biltracid Ly acetate. O proper cooking of liver B Swimeritch (3) hygienic disposal of feces pathagerell is (9) Ht A Con with Hirard (60/2 proparasite discore 01147260374/01023998934 DR. Menna Rashed



	· h
van 1 richenellosis	19Anisakiosis
Couse Trichenella spiralis	J. F. Anisakidae - larval stage of Ascaridad Nematade. Ro
reservior (Dig), rats, wild A' au Fox	Fish eating mammalis
Source pork 2 pork by product.	marine Fish Gostain, 3rd Stage larvae.
Mode Trichenella cyst or Too but larvea in lymph, 131 Lencysted in M.	a ingertion / Tarine Fish Containing 3rd Stage larvae
Dintestinal trickines B) Muscular  Solueto musión of College Campa  intermal wall campa  intermal wall campa  intermal wall  campa	nousec, Vomition nousec, Vomition nousec, Vomition neosinophilica, Eosinophilica granuloma severe pain in lower Abdomen esinophilic granuloma in lesentric Vein
Storage at -> 15 C	- thorough cooking fish -> cleaning & evisceration  Fish to prevent Migration of Larvae -> then good hygienic disposal Evisecration -> Talking of fish well

Estate !	
anse 3rd strant	VISCERON Larva Marans
- Culoux	Toxo Cara Canis &
SONICE humided	*dog i vilde anine s
Feces of infected dogs at	# Soil Contaminated with eggs of Parasite
Mode From infected by direct Contact with Contominated Soil with Feces of dog, cat	* ingestion of embryonated egg. with contaminated Food, water
Sopopula formation entrand,  feet, legs  chighly prunities & tunnels  Formation due to migration of Larvoe in soleoperlayer of SKin  serythematow lesion  2nd bact in fection result scratching disease  relimination of stray A  relimination of stray A  adogs, at a not allowed in  santibodic wed for 2nd bact inf.  we other obserptatole	personal hygiene selimination of Stray A' Oroobel stray A
DR. Menna Rashed 37	01147260374/01023998934

	Westrale for author	@ Sudbis E	Oderant I To	
		ida		Dimeas. Gago. Pheacotheas fever(ce
e Minia	wild & dimethol	Did	S O LIMITATION ( PROSENT	St. buyarmobe
100	infected Tasquitoes Garakex, Aede)		1 lan	Cattle, Sheep, wild &
Hode	D. Notice   C. J.	Galex 1	infected Tarquitors	infected tick Shyalomna dermacitor
/ War Sugar	Distribution of Maria Distribution of Maria	Tan.  Ferry Leaderly names Orly Cular Pain, Plei o cular pain, Vomition, sure throat, Vymphodaropothy.  Sy Tamodice  - In Same Carri - Hare. Papular eruption article. Exercises on hand polar Exercises on hand polar ever cult - diappear	O Natural + Nan 5 Ton  E wild cycle - primate lander primates  Primate lander primates  Nouse, vention, Sorthant  I joint, refresorbital pain  rediphasic Perry  regeneral anythema + Hus-paper  rathers trunk, to ody  alymph N. enlarged  photophapica  Hemologic Source, foldi  integic asia - Start as  Fever them Hemologic -  hypotension - shock -  death lainlyin -  Children.	From discount he changes should be controlled and reference of the changes of the